


BOROUGH OF



GRAVESEND



ANNUAL REPORT
OF THE
Medical Officer of Health
FOR THE YEAR 1965

G. P. MERSON
M.B., Ch.B., D.P.H.
Medical Officer of Health

HEALTH COMMITTEE, 1965

THE MAYOR (Councillor Mrs. G. M. Batson, J.P.)

Councillor A. J. Shuttlewood (*Chairman*)

Councillor P. J. Walsh (*Vice-Chairman*)

Alderman R. H. Goodwin

Alderman A. J. Coles

Councillor Mrs. M. O. Creese, M.B.E.

Councillor C. H. Sutor

Councillor C. A. White, J.P.

Councillor K. C. W. Pearson

Councillor B. Black, J.P.

Councillor T. Fenton

Councillor D. Manley

Councillor J. W. Robinson

Councillor F. G. K. Bowles

HEALTH DEPARTMENT STAFF

Medical Officer of Health

GEORGE POLSON MERSON, M.B., Ch.B., D.P.H.

Chief Public Health Inspector

* K. MCINTYRE, M.A.P.H.I.

Deputy Chief Public Health Inspector

* K. V. SPROAT, M.A.P.H.I.

District Public Health Inspectors

* B. L. M. CLARK, M.A.P.H.I.

J. WANN, M.A.P.H.I.

(Commenced 18th January, 1965)

Pupil Public Health Inspector

B. GILMOUR

Clerical Staff

A. H. BAKER, Chief Clerk to Public Health Inspector

MISS G. PUTTIFER

MRS. J. WELLS

MISS C. BRIGGS

NOTE - * Hold Meat and Food Inspection Certificate

HEALTH DEPARTMENT,
WOODVILLE TERRACE,
GRAVESEND.

MADAM MAYOR, MR. CHAIRMAN, MRS. CREESE AND GENTLEMEN,

I have much pleasure in presenting to you my Annual Report on the health of the Borough of Gravesend for the year 1965.

As is usual in these reports now I have nothing outstanding to report and I must repeat that the health of the residents has been good and that there has been no outbreak of any serious infectious disease.

The population of Gravesend is now estimated to 54,550. There were registered 1,235 live births in the Borough: and deaths at 551 were practically the same as last year (552) - giving a natural increase in population of 684.

Infantile Mortality Rate in the Borough dropped from 23.41 to 16.19, and the Neo-natal Mortality Rate dropped from 16.47 to 12.95.

Generally speaking the Birth Rate, the Death Rate and the Infant Mortality Rate were better than the rate for England and Wales.

There is still one unfilled vacancy in the Establishment of Health Inspectors. This reflects the shortage generally of trained health staff.

In conclusion I would like to thank the Health Inspectorate and Clerical Staff for their hard work during the year under review.

I am, Madam Mayor, Mr. Chairman, Mrs. Creese and Gentlemen,

Your obedient Servant,

G. P. MERSON

Medical Officer of Health

SECTION ⁶³A

STATISTICS AND SOCIAL CONDITIONS OF THE BOROUGH

| | | | | |
|--------------------------------------------------|----|----|----|------------|
| Area of the Borough (acres) | .. | .. | .. | 4,619 |
| Registrar-General's estimate of the Population | .. | | | 54,550 |
| Number of separate inhabited houses (at 31.3.66) | .. | | | 16,418 |
| Rateable Value (at 31.3.66) | .. | .. | .. | £1,936,910 |
| Sum represented by a Penny Rate | .. | .. | .. | £7,637 |

Rates (to 31st March, 1966) - 10s. 7d. in the £

Number of Dwelling Houses built during 1965 -

| | | |
|--------------------|---------------------------|------------|
| Corporation | Number of Units completed | 169 |
| Private Enterprise | Number of Units completed | <u>192</u> |
| | | <u>361</u> |

REGISTERED LIVE BIRTHS

| | | | Males | Females | Total |
|-------------------|----|----|------------|------------|--------------|
| Legitimate | .. | .. | 616 | 547 | 1,163 |
| Illegitimate | .. | .. | <u>45</u> | <u>27</u> | <u>72</u> |
| Total live births | | | <u>661</u> | <u>574</u> | <u>1,235</u> |

Crude Birth Rate per 1,000 population - 22.62

STILL BIRTHS

| | | | Males | Females | Total |
|--------------|----|----|-----------|----------|-----------|
| Legitimate | .. | .. | 11 | 6 | 17 |
| Illegitimate | .. | .. | <u>-</u> | <u>3</u> | <u>3</u> |
| | | | <u>11</u> | <u>9</u> | <u>20</u> |

Still Birth Rate - i.e., Rate per
1,000 total (live and still) births - 15.68

Still Birth Rate per 1,000 population - 0.36

REGISTERED DEATHS - All causes at all ages - 551

| <i>Males</i> | <i>Females</i> | <i>Total</i> |
|--------------|----------------|--------------|
| 276 | 275 | 551 |

Crude Death Rate per 1,000 population - 10.10
(The previous year it was 9.90)

DEATHS FROM PUERPERAL CAUSES - Nil

NATURAL INCREASE IN POPULATION (Excess of Births over Deaths) .. 684

INFANT DEATHS - under 1 year of age

| | <i>Males</i> | <i>Females</i> | <i>Total</i> |
|-------------------------|--------------|----------------|--------------|
| Legitimate Infants .. | 11 | 8 | 19 |
| Illegitimate Infants .. | - | 1 | 1 |
| | <u>11</u> | <u>9</u> | <u>20</u> |

DEATH RATE OF INFANTS UNDER 1 YEAR OF AGE:-

| | | |
|---------------------------------------------------------------|----|-------|
| Infant Mortality Rate, i.e. All infants per 1,000 live births | .. | 16.19 |
| Legitimate infants per 1,000 legitimate live births | .. | 16.33 |
| Illegitimate infants per 1,000 illegitimate live births | .. | 13.88 |

NEO-NATAL MORTALITY RATE (deaths under 4 weeks per 1,000 total live births) 12.95

EARLY NEO-NATAL MORTALITY RATE (deaths under 1 week per 1,000 total live births) 12.14

PERINATAL MORTALITY RATE (stillbirths and deaths under 1 week combined per 1,000 total live and stillbirths) 27.88

COMPARATIVE BIRTH AND DEATH RATES

| <i>Rates</i> | <i>Gravesend</i> | <i>England and Wales</i> |
|--------------------------|------------------|--------------------------|
| Birth Rate | 20.81 | 18.00 |
| Death Rate | 11.31 | 11.50 |
| Infant Mortality Rate .. | 16.19 | 18.09 |
| Still Birth Rate .. | 00.36 | 00.26 |

BOROUGH OF GRAVESEND

BIRTHS AND DEATHS

BIRTH AND DEATH RATES FOR LAST TEN YEARS

| YEAR | 1956 | 1957 | 1958 | 1959 | 1960 | 1961 | 1962 | 1963 | 1964 | 1965 |
|--------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Number of births | 788 | 793 | 855 | 911 | 1,040 | 1,069 | 1,177 | 1,178 | 1,153 | 1,235 |
| Crude Birth Rate (per 1,000 population) | 16.53 | 16.90 | 18.32 | 18.83 | 21.18 | 20.86 | 22.66 | 22.12 | 21.15 | 22.62 |
| Number of deaths | 495 | 445 | 485 | 497 | 501 | 502 | 527 | 552 | 531 | 551 |
| Crude Death Rate (per 1,000 population) | 10.38 | 9.48 | 10.39 | 10.27 | 10.20 | 9.80 | 10.14 | 10.36 | 9.90 | 10.10 |

CAUSES OF DEATH IN GRAVESEND FOR 1965
AS PROVIDED BY THE REGISTRAR GENERAL

| | | | | Male | Female | Total |
|-----|-----------------------------------------|----|----|------------|------------|------------|
| 1. | Tuberculosis, Respiratory | .. | .. | - | 1 | 1 |
| 2. | Tuberculosis, Other forms | .. | .. | 1 | - | 1 |
| 3. | Syphilitic disease | .. | .. | - | 1 | 1 |
| 4. | Diphtheria | .. | .. | - | - | - |
| 5. | Whooping Cough | .. | .. | - | - | - |
| 6. | Meningococcal infections | .. | .. | - | - | - |
| 7. | Acute poliomyelitis | .. | .. | - | - | - |
| 8. | Measles | .. | .. | - | - | - |
| 9. | Other infective and parasitic diseases | | | - | - | - |
| 10. | Malignant neoplasm, stomach | .. | .. | 12 | 6 | 18 |
| 11. | Malignant neoplasm, lung, bronchus | .. | .. | 30 | 2 | 32 |
| 12. | Malignant neoplasm, breast | .. | .. | - | 16 | 16 |
| 13. | Malignant neoplasm, uterus | .. | .. | - | 3 | 3 |
| 14. | Other malignant and lymphatic neoplasms | | | 30 | 24 | 54 |
| 15. | Leukaemia, aleukamia | .. | .. | 1 | 1 | 2 |
| 16. | Diabetes | .. | .. | 1 | 4 | 5 |
| 17. | Vascular lesions of nervous system | .. | .. | 32 | 53 | 85 |
| 18. | Coronary disease, angina | .. | .. | 70 | 48 | 118 |
| 19. | Hypertension with heart disease | .. | .. | 1 | 4 | 5 |
| 20. | Other heart disease | .. | .. | 20 | 42 | 62 |
| 21. | Other circulatory disease | .. | .. | 5 | 13 | 18 |
| 22. | Influenza | .. | .. | - | 1 | 1 |
| 23. | Pneumonia | .. | .. | 24 | 13 | 37 |
| 24. | Bronchitis | .. | .. | 12 | 2 | 14 |
| 25. | Other diseases of respiratory system | .. | .. | 1 | 1 | 2 |
| 26. | Ulcer of stomach and duodenum | .. | .. | - | - | - |
| 27. | Gastritis, enteritis and diarrhoea | .. | .. | - | - | - |
| 28. | Nephritis and nephrosis | .. | .. | 2 | 5 | 7 |
| 29. | Hyperplasia of prostate | .. | .. | - | - | - |
| 30. | Pregnancy, childbirth, abortion | .. | .. | - | 1 | 1 |
| 31. | Congenital malformations | .. | .. | 3 | 4 | 7 |
| 32. | Other defined and ill-defined diseases | | | 17 | 23 | 40 |
| 33. | Motor vehicle accidents | .. | .. | 7 | 3 | 10 |
| 34. | All other accidents | .. | .. | 3 | 3 | 6 |
| 35. | Suicide | .. | .. | 4 | 1 | 5 |
| 36. | Homicide and operations of war | .. | .. | - | - | - |
| | | | | <u>276</u> | <u>275</u> | <u>551</u> |

INFECTIOUS DISEASE NOTIFIED DURING 1965

| Disease | Under one year | One and under 3 years | 3 and under 5 years | 5 and under 10 years | 10 and under 15 years | 15 and under 25 years | 25 and under 45 years | 45 and under 65 years | 65 years and over | Total | Number Removed to Hospital |
|---------------------------------|----------------------|-----------------------------------|---------------------------------|----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|----------------------------|-------|-------------------------------------|
| Ophthalmia Neonatorum .. | - | - | - | - | - | - | - | - | - | - | - |
| Dysentery .. | - | 1 | 1 | - | - | - | - | - | - | 2 | - |
| Erysipelas .. | - | - | - | - | - | - | - | - | 2 | 2 | - |
| Food Poisoning .. | - | - | - | - | 1 | 2 | - | - | - | 3 | - |
| Measles .. | 48 | 286 | 360 | 323 | 5 | 1 | - | - | - | 1,023 | - |
| Meningococcal Infection .. | 1 | - | - | - | - | - | - | - | - | 1 | - |
| Pneumonia .. | 1 | - | 1 | - | - | 1 | - | 1 | 1 | 5 | - |
| Acute Poliomyelitis - Paralytic | - | - | - | - | - | - | - | - | - | - | - |
| Non-Paralytic | - | - | - | - | - | - | - | - | - | - | - |
| Puerperal Pyrexia .. | - | - | - | - | - | 1 | 2 | - | - | 3 | - |
| Scarlet Fever .. | - | - | 1 | 2 | - | 1 | - | - | - | 4 | - |
| Whooping Cough .. | 2 | 1 | 2 | - | - | - | - | - | - | 5 | - |
| Respiratory Tuberculosis .. | - | - | - | - | - | 3 | 4 | 5 | 2 | 14 | 6 |
| Non-Respiratory Tuberculosis | - | - | - | - | 2 | 3 | 3 | 1 | - | 6 | 3 |
| | 52 | 288 | 365 | 325 | 5 | 10 | 11 | 7 | 5 | 1,068 | 9 |

SECTION B

GENERAL PROVISION OF HEALTH SERVICES IN THE AREA

LABORATORY FACILITIES

The laboratory of the Public Health Laboratory Service for this area is situated at Preston Hall, Maidstone, under the direction of Dr. Furniss.

Routine bacteriological examination of drinking water and swimming pool water and ice cream, and the examination of sterilized milk for the turbidity test, are carried out at this laboratory. Results are tabulated elsewhere in the report.

The following services are provided by the County Council:-

MATERNITY AND CHILD WELFARE CLINICS

- (1) Ante-Natal Clinics.
- (2) Infant Welfare Clinics.
- (3) Diphtheria and Poliomyelitis Immunisation Clinics.
- (4) Dental Clinics.
- (5) Speech Therapy Clinics.
- (6) Child Guidance Clinics.

MIDWIFERY SERVICE

There are nine County Midwives serving the Gravesend area.

Names of midwives, and any other information, may be obtained from the District Office (District Officer, Mr. B. J. Fleming, Arthur Street, Gravesend. (Telephone: Gravesend 2166)

GRAVESEND AND NORTH KENT HOSPITAL

The Out-patient Clinics at the Hospital are as follows:-

MONDAY

| | | |
|-----------|-----------------------------|------------------------|
| 9.00 a.m. | Medical Clinic | Dr. J. Donaldson Craig |
| 9.30 a.m. | Ear, Nose and Throat Clinic | Mr. Golding Wood |
| 2.00 p.m. | Medical Clinic | Dr. R. Moir |

TUESDAY

| | | |
|------------|-----------------------|------------------|
| 9.00 a.m. | Dental Clinic | Mr. F. Wilkinson |
| 9.45 a.m. | Dermatology Clinic | Dr. R. Cairns |
| 10.30 a.m. | Ophthalmic Clinic | Mr. J. N. Ormrod |
| 11.30 a.m. | Surgical Clinic | Mr. M. Landau |
| 2.30 p.m. | Fracture Clinic | |
| 3.00 p.m. | Ante-Natal Clinic | Mr. A. M. Hunter |
| 4.00 p.m. | Gynaecological Clinic | Mr. A. M. Hunter |

WEDNESDAY

| | | |
|-----------|--------------------|----------------------|
| 9.00 a.m. | Surgical Clinic | Mr. A. M. G. Tompkin |
| 2.00 p.m. | Psychiatric Clinic | Dr. J. P. Crawford |
| 2.00 p.m. | Psychiatric Clinic | Dr. J. C. Stewart |
| 3.00 p.m. | Psychiatric Clinic | Dr. S. W. Hardwick |

THURSDAY

| | | |
|-----------|--------------------|------------------------|
| 8.45 a.m. | Paediatric Clinic | Dr. F. Elgood |
| 9.30 a.m. | Ophthalmic Clinic | Mr. G. Simmons |
| 9.30 a.m. | Orthopaedic Clinic | Mr. R. H. V. Hafner |
| 1.30 p.m. | Medical Clinic | Dr. J. Donaldson Craig |
| 2.00 p.m. | Orthopaedic Clinic | Mr. R. H. V. Hafner |

FRIDAY

| | | |
|------------|-----------------------|---------------------|
| 8.30 a.m. | Gynaecological Clinic | Mr. G. Dalley |
| 9.00 a.m. | Dental Clinic | Mr. F. Wilkinson |
| 10.15 a.m. | Fracture Clinic | Mr. R. H. V. Hafner |
| 10.30 a.m. | Ante-Natal Clinic | Mr. W. Gross |
| 2.00 p.m. | Surgical Clinic | Mr. Sol. M. Cohen |
| 2.00 p.m. | Psychiatric Clinic | Dr. J. P. Crawford |
| 2.00 p.m. | Psychiatric Clinic | Dr. W. N. L. Haynes |

MATERNITY AND CHILD WELFARE

NOTIFICATION OF BIRTHS

The number of live and still births occurring in Gravesend during the year was 1,021. After correction for those whose usual residence is elsewhere (i.e. 140 transferred "out" and 234 transferred "in") the number properly belonging to the Borough was 1,255 (1,235 live births and 20 still births) compared with 1,166 in the previous year.

PARTICULARS OF BIRTHS OCCURRING IN GRAVESEND:

| | | | |
|--------------------------------------------------------------|----|----------|-------|
| Total number of live and still births occurring in Gravesend | .. | .. | 1,021 |
| Number of live births actually belonging to Gravesend | | 874 | |
| Number of still births actually belonging to Gravesend | | 7 | |
| Number of live births (non-residents) | | 135 | |
| Number of still births (non-residents) | | <u>5</u> | |
| | | | 1,021 |

NUMBER OF BIRTHS OCCURRING IN HOSPITAL

| | Live Births | Still Births |
|------------------------------------------------------|-------------|--------------|
| Number of infants born in Hospital - (residents) | 297 | 6 |
| Number of infants born in Hospital - (non-residents) | 135 | 5 |

HEALTH VISITORS

The following Health Visitors are employed in the Gravesend area and can be contacted at their respective welfare centres:-

| | | |
|----------------------------------------------|---|--------------------------------|
| Miss N. G. Cappaert, S.R.N., S.C.M. | - | Windmill Street Welfare Centre |
| Miss M. C. Craddock, S.R.N., S.C.M. | - | Windmill Street Welfare Centre |
| Miss C. James, S.R.N., S.C.M. | - | "The Nest" Welfare Centre |
| Mrs. G. O. Curling, S.R.N., S.C.M. | - | "The Nest" Welfare Centre |
| Miss E. M. Kenworthy, S.R.N., S.C.M. | - | Whitehill Welfare Centre |
| Miss D. A. Knowles, S.R.N., S.C.M., R.S.C.M. | - | Whitehill Welfare Centre |
| Miss J. R. L. Morgan, S.R.N. | - | Windmill Street Welfare Centre |
| Miss M. G. F. White, S.R.N. | - | Windmill Street Welfare Centre |
| Miss B. Corkill | - | "The Nest" Welfare Centre |

The following are specialist Health Visitors for tuberculosis:-

Miss E. M. Martin

Mrs. C. Roe

The school nurse is Mrs. N. D. Shiel.

MATERNITY AND CHILD WELFARE CENTRES

The four Welfare Centres in the Borough are Wrotham
 "The Nest" (Denton and Chalk District), and

The sessions are as follows:-

| | WROTHAM ROAD | WHITEHILL |
|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| MONDAY | Morning | Afternoon |
| | Child Welfare Clinic - Medical Officer in attend- ance; Diphtheria Immuni- sation and Vaccinations; Health Visitors Consulta- tions; Sale of Foods, etc. | Child Welfare Clinic - Medical Officer in attend- ance; Health Visitors Consultations; Sale of Foods, etc. |
| | *** Speech Therapy | |
| TUESDAY | | Afternoon |
| | *** Chiropody. | Ante-Natal Clinic and Midwives' Clinic combined. |
| WEDNESDAY | Morning | Afternoon |
| | School Clinic. | Midwives' Clinic. |
| | *** Chiropody. | |
| | *** Speech Therapy. | |
| | Afternoon | Evening |
| | Mothercraft and Relax- ation Classes. | Mothercraft and Relax- ation Classes. |
| THURSDAY | Morning | Afternoon |
| | *** Chiropody. | Child Welfare Clinic - Medical Officer in attend- ance; Health Visitors Consultations; Sale of Foods, etc. |
| | *** Ophthalmic Clinic. | |
| | *** Speech Therapy. | |
| | Afternoon | |
| | Ante-Natal Clinic. Midwives' Clinic. | |
| FRIDAY | Morning | Afternoon |
| | School Clinic. | |
| | *** Speech Therapy. | |
| | Afternoon | Afternoon |
| | Child Welfare Clinic - Medical Officer in attend- ance; Diphtheria Immuni- sation and Vaccinations; Health Visitors Consulta- tions; Sale of Foods, etc. | ** Mothercraft and Relax- ation Classes. |

Road (Central), Whitehill (King's Farm Estate),
St. Christopher's Centre (Riverview Park).

THE NEST

ST. CHRISTOPHER'S CENTRE

MONDAY

Afternoon

Child Welfare Clinic -
Health Visitors Consul-
tations; Baby Weighing;
Sale of Foods, etc.

TUESDAY

Morning

10-12 Child Welfare Clinic;
Immunisations.

Afternoon

2 - 4 Ante-Natal Clinic.

3 - 4 Child Welfare Clinic;
Immunisations.

WEDNESDAY

Afternoon

Child Welfare Clinic -
Medical Officer in attend-
ance; Health Visitors
Consultations; Baby Weigh-
ing; Sale of Foods, etc.

THURSDAY

Morning & Afternoon

Speech Therapy Clinic.

Afternoon

2 - 4 Relaxation Classes.

2 - 4 Child Welfare Clinic;
Immunisations.

FRIDAY

Afternoon

* Ante-Natal Clinic;
Midwives' Clinic.

Afternoon

2 - 4 Child Welfare Clinic;
Immunisations.

* First and third Fridays in each month.

** Except second Friday in each month.

*** By appointment.

ATTENDANCE AT CHILD WELFARE CENTRES

The attendances at the four Welfare Centres during the year were: -

| | | | | |
|-----|--------------------------------------------------------------|----|----|--------|
| (a) | Individual children under 1 year of age | .. | .. | 1,356 |
| (b) | Individual children between 1 and 5 years | .. | .. | 3,378 |
| (c) | Total number of attendances of all children under 5 years | .. | | 21,624 |

For the year 1964 the figures were -

| | | | | | |
|-----|-------|-----|-------|-----|--------|
| (a) | 1,072 | (b) | 2,009 | (c) | 22,021 |
|-----|-------|-----|-------|-----|--------|

ANTE-NATAL CLINICS

Ante-Natal clinics are held at Wrotham Road, Whitehill, "The Nest" and St. Christopher's, Riverview Park. A total number of 1,252 expectant mothers attended and the total attendances were 5,774.

DENTAL TREATMENT

Dental treatment for expectant and nursing mothers, children under five years and school children is provided at the Dental Clinic, Wrotham Road. (Telephone: Gravesend 64157).

The clinic is open at the following times:-

| | | |
|------------------|------|----------------|
| Monday to Friday | A.M. | 9.00 - 12 noon |
| | P.M. | 1.30 - 4.30 |

OPHTHALMIC TREATMENT

The County Ophthalmic Clinic for school children is held at the Gravesend and North Kent Hospital as follows:-

| | | |
|----------|------|--------------|
| Tuesday | A.M. | 9.30 - 10.30 |
| Thursday | A.M. | 9.30 - 12.00 |
| | P.M. | 2.00 - 4.00 |

Mr. K. McIntyre, Chief Public Health Inspector, has supplied the statistics relating to Public Health Inspection. Housing, Food, Factory Inspection and Atmospheric Pollution.

SECTION C

SANITARY CIRCUMSTANCES OF THE AREA

WATER SUPPLY

PUBLIC DRINKING SUPPLIES

The Medway Water Board supply water to the Borough.

The water has been satisfactory -

(a) in quantity

(b) in quality

The water is hard and there is no evidence of plumbo-solvent action.

BACTERIOLOGICAL EXAMINATION

Samples were taken at regular intervals and were found to be satisfactory with the exception of three.

Number of samples taken:-

| | | | | |
|---------------|----|----|----|----|
| Raw water | .. | .. | .. | 0 |
| Treated water | .. | .. | .. | 52 |

CHEMICAL ANALYSIS

One sample of treated water was taken and reported to be satisfactory.

Note: Tabulated summaries of all water samples taken and results of examination are shown on pages 41, 42, 43, 44 and 45.

CORPORATION BATHING POOL

The Open-air Bathing Pool opened in 1938 has accommodation for 1,200 bathers. The main pool is 150 feet long by 75 feet wide and has two shallow areas and a diving pit. The 400,000 gallons of water in the pool are filtered, aerated and sterilised. Wide surrounds and large areas are provided for sun-bathing, whilst a spectators' terrace surrounds the site. On the first floor of the building a Cafe and Spectators' Gallery are provided, affording a splendid view of the whole site. There is also a Children's Paddling Pool, 50 feet by 50 feet, with its own surround, separated from the main pool by a terrace.

During the 1965 season the following persons used the Pools:-

| | | | | |
|--------------------------------|----|----|----|---------|
| Bathers and Spectators | .. | .. | .. | 80,100 |
| Schoolchildren | .. | .. | .. | 26,362 |
| Season Ticket and Pass Holders | .. | .. | .. | 20,963 |
| Club Members | .. | .. | .. | 4,168 |
| National Sea Training School | .. | .. | .. | 623 |
| Old Age Pensioners | .. | .. | .. | 333 |
| | | | | <hr/> |
| | | | | 132,549 |
| | | | | <hr/> |

HYGIENIC ARRANGEMENTS AT BATHING POOL

The Medical Officer of Health has continued to keep the hygienic arrangements at the Pool under supervision. "Breakpoint Chlorination", which was put into operation in 1948, appears to be working efficiently.

BACTERIOLOGICAL EXAMINATION OF BATHING POOL WATER

Fifteen samples were taken from the Corporation pool and 18 from school pools. See tabulated summary on pages 44 and 45.

SLIPPER BATHS

The Slipper Baths at the Corporation Bathing Pool were opened in January 1949.

There are separate sections for males and females - 7 baths being allocated to males and 3 to females.

FACTORIES ACT, 1961

The Council has the duty to enforce certain provisions of Parts I, IV and VIII of the Factories Act, 1961.

Administrative arrangements include the following:-

Part I - Health (General Provisions)

- (1) Registration of all factories.
- (2) Inspection of sanitary conveniences in all factories.
- (3) Inspection with regard to cleanliness, overcrowding, temperature, ventilation and drainage of floors in all factories in which mechanical power is not used.

Part IV - Basement Bakehouses

- (1) The quinquennial examination of basement bakehouses and the renewal or cancellation of Certificates of Suitability.

Part VIII - Home Work

- (1) Examination of lists, supplied to the Council by employers of outworkers in certain specified trades.
- (2) Notification of name and place of employment of any home worker employed outside the Borough to the Council in whose district his employment is situated.
- (3) Inspection of premises in which the outworker pursues his occupation.

The provisions of the Act, so far as they affect local authorities, have been enforced.

PRESCRIBED PARTICULARS OF THE ADMINISTRATION
OF THE FACTORIES ACT, 1961
PART I

1. Inspections for purposes of provisions as to Health
(including inspections made by Public Health Inspectors)

| Premises | Number on Register | Inspections | Written Notices | Owners Prosecuted |
|------------------------------------------------------------------------------------------------------------|--------------------------|-------------|--------------------|----------------------|
| (i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by local authorities | 19 | 25 | - | - |
| (ii) Factories not included in (i) in which Section 7 is enforced by local authorities | 122 | 120 | 2 | - |
| (iii) Other premises in which Section 7 is enforced by the local authority (excluding outworkers premises) | 5 | 9 | - | - |
| | 146 | 154 | 2 | - |

2. Cases in which defects were found:-

| Particulars | Number of cases in which defects were found | | | | Number of cases in which prosecutions were instituted |
|--------------------------------------------------------------------------------------|------------------------------------------------|----------|----------------------------------|----------------------|----------------------------------------------------------------------|
| | Found | Remedied | Referred To H.M. Inspector | By H.M. Inspector | |
| Want of cleanliness .. | - | - | - | - | - |
| Overcrowding | - | - | - | - | - |
| Unreasonable temperature | - | - | - | - | - |
| Inadequate ventilation .. | - | - | - | - | - |
| Ineffective drainage of floors | - | - | - | - | - |
| Sanitary Conveniences:- | | | | | |
| (a) insufficient .. | 1 | - | - | 2 | - |
| (b) unsuitable | | | | | |
| or defective .. | 6 | 4 | - | - | - |
| (c) not separate for sexes | - | - | - | - | - |
| Other offences against the Act (not including offences relating to Outwork) .. | 2 | 1 | - | - | - |
| | 9 | 5 | - | 2 | - |

PART VIII OF THE ACT
OUTWORK - SECTION 133 AND 134

| Nature of Work | SECTION 133 | | | SECTION 134 | | |
|-----------------------------------|----------------------------------------------------------------------------------|------------------------------------------------------------------------|------------------------------------------------------------------|-------------------------------------------------------------------|-------------------|-------------------|
| | No. of outworkers in August list re- quired by Sec. 133(1) (c) | No. of cases in default in sending lists to the Council | No. of prosecu- tions for failure to supply lists | No. of instances of work in unwhole- some premises | Notices served | Prosec- utions |
| Wearing apparel (making, etc.) | 28 | - | - | - | - | - |
| Furniture and Upholstery | 2 | - | - | - | - | - |
| Table linen | 1 | - | - | - | - | - |
| | 31 | - | - | - | - | - |

BASEMENT BAKEHOUSES

PART IV OF THE ACT

Certificates of suitability are in operation in respect of two basement bakehouses.

PUBLIC HEALTH INSPECTION

SUMMARY OF VISITS BY PUBLIC HEALTH INSPECTORS

| | | | | |
|----------------------------------------------------|----|----|----|--------------|
| Dwelling house inspections | .. | .. | .. | 983 |
| " " re-inspections | .. | .. | .. | 1,497 |
| Visits to other premises:- | | | | |
| Clean Air Act | .. | .. | .. | 27 |
| Factories (with power) | .. | .. | .. | 120 |
| Factories (without power) | .. | .. | .. | 34 |
| Infectious diseases | .. | .. | .. | 81 |
| Offensive trades | .. | .. | .. | 6 |
| Offices, Shops & Railway Premises Act | .. | .. | .. | 2,737 |
| Outworkers | .. | .. | .. | 19 |
| Pet Shops | .. | .. | .. | 8 |
| Piggeries and Stables | .. | .. | .. | 15 |
| Public conveniences and urinals | .. | .. | .. | 20 |
| Rodent control | .. | .. | .. | 172 |
| Schools | .. | .. | .. | 42 |
| Shops Acts | .. | .. | .. | 27 |
| Food premises | .. | .. | .. | 1,341 |
| Merchandise Marks Act | .. | .. | .. | 2 |
| Miscellaneous visits | .. | .. | .. | 487 |
| Visited for purposes of meat and food inspection:- | | | | |
| Meat depots | .. | .. | .. | 16 |
| Shops and other premises | .. | .. | .. | 150 |
| | | | | <u>7,784</u> |

NOTICES SERVED

| | | <i>Informal</i> | <i>Statutory</i> |
|-------------------------------|----|-----------------|------------------|
| In respect of dwelling houses | .. | 268 | 33 |
| In respect of other premises | .. | 461 | 1 |

NUISANCES AND DEFECTS REMEDIED

HOUSES:

| | | | | |
|---------------------------------------------------|----|----|----|-----|
| Accumulations removed | .. | .. | .. | 10 |
| Animals causing a nuisance | .. | .. | .. | 1 |
| Dustbins provided | .. | .. | .. | 121 |
| Cesspools repaired | .. | .. | .. | 5 |
| Chimney stacks - repaired | .. | .. | .. | 2 |
| - new pots provided | .. | .. | .. | 1 |
| Dampness - sub-floor ventilation provided | .. | .. | .. | 1 |
| - damp-proof courses provided | .. | .. | .. | 1 |
| - external walls repointed or rendered | .. | .. | .. | 7 |
| Doors and door sills repaired or renewed | .. | .. | .. | 4 |
| Drainage - relaid | .. | .. | .. | 17 |
| - unstopped | .. | .. | .. | 20 |
| - I.C. chambers or covers provided or repaired | .. | .. | .. | 13 |
| - soil and ventilating pipes removed | .. | .. | .. | 1 |
| - soil and ventilating pipes provided or repaired | .. | .. | .. | 3 |
| - gullies, etc. provided or repaired | .. | .. | .. | 3 |
| - sewers unstopped | .. | .. | .. | 17 |
| Floors relaid or repaired | .. | .. | .. | 7 |
| Food cupboards ventilated | .. | .. | .. | 1 |
| Guttering or rainwater pipes renewed or repaired | .. | .. | .. | 27 |
| Lavatory basins renewed or repaired | .. | .. | .. | - |
| Light and ventilation improved | .. | .. | .. | 1 |
| Paving relaid or repaired | .. | .. | .. | 4 |
| Roofs repaired | .. | .. | .. | 15 |
| Rooms, passages and staircases - walls repaired | .. | .. | .. | 44 |
| - ceilings repaired | .. | .. | .. | 7 |
| - staircases repaired | .. | .. | .. | 1 |
| Sinks - new provided | .. | .. | .. | - |
| - waste pipes renewed or repaired | .. | .. | .. | 5 |
| Stoves and fireplaces renewed or repaired | .. | .. | .. | 1 |
| Verminous premises disinfested | .. | .. | .. | 6 |
| Water supply - water pipes, etc. repaired | .. | .. | .. | 7 |
| Water closets - repaired and/or cleansed | .. | .. | .. | 4 |
| - new pans | .. | .. | .. | 3 |
| - pans cleansed or unstopped | .. | .. | .. | 7 |
| - cisterns provided or repaired | .. | .. | .. | 5 |
| - seats renewed or repaired | .. | .. | .. | 6 |

HOUSES (contd.):

| | |
|-------------------------------------------------|----|
| Windows - renewed or repaired | 10 |
| - sashcords and weights provided or repaired .. | 2 |
| - sills renewed or repaired | 7 |

FOOD PREMISES:

| | |
|----------------------------------------------------|----|
| Premises repaired or cleansed | 22 |
| Utensils, equipment, etc., repaired or cleansed .. | 9 |
| Improvements | 5 |
| Personal cleanliness contraventions | 5 |

PET ANIMALS ACT, 1951

Five premises are licensed within the district and 8 visits of inspection were made.

RODENT CONTROL

All infested premises notified to the Health Department or discovered during the course of inspection during the year were dealt with. The cost of disinfection at business premises by the Council's Rodent Officer is charged to the occupiers, but the work at dwelling houses is carried out free.

The following report summarises the work carried out by the Rodent Officer during the year 1965:-

| | | |
|-----------------------------------------------------------|----|-----|
| Number of properties inspected | .. | 417 |
| Number of properties found to be infested by: (a) Rats | .. | 291 |
| (b) Mice | .. | 117 |
| Number of properties treated | .. | 408 |

TREATMENT AGAINST RATS IN SEWERS

Treatment with Poison:

| | | |
|-------------------------------------------|----|-----|
| Number of manholes treated | .. | 78 |
| Number of manholes showing complete takes | | Nil |
| Number of manholes showing partial takes | | 25 |

SECTION D

HOUSING

1. Inspection of dwelling houses during the year:-

| | | | |
|--------------------------------------------|----|----|-------|
| Total number inspected for housing defects | .. | .. | 617 |
| Number of inspections made for the purpose | .. | .. | 1,197 |

2. Unfit houses made fit:-

| | | | |
|----------------------------------------------------------------------------------|----|----|----|
| After informal action by Local Authority | .. | .. | 13 |
| After formal notice under Public Health Acts | .. | .. | 5 |
| After determination of a Demolition Order under Section 24, Housing Act, 1957 | .. | .. | 2 |
| After determination of a Closing Order under Section 27, Housing Act, 1961 | .. | .. | 1 |

3. Houses in which defects were remedied:-

| | | | |
|----------------------------------------------|----|----|----|
| After informal action | .. | .. | 79 |
| After formal notice under Public Health Acts | .. | .. | 22 |

4. Houses Demolished:-

In or adjoining Clearance Areas:-

| | | | |
|---------------------------------------------------------------|----|----|----|
| (a) Unfit for human habitation | .. | .. | 18 |
| (b) On land acquired under Section 43(2) Housing Act, 1957 | .. | .. | 19 |

5. Unfit houses closed:-

Under Sections 16(4), 17(1) and 35(1), Housing Act, 1957
and Section 26, Housing Act, 1961:-

| | | | |
|------------------|----|----|---|
| Number of Houses | .. | .. | 1 |
|------------------|----|----|---|

6. Displacement: -

(a) Number of persons displaced:-

| | |
|-------------------------------------------------|-----|
| From houses in or adjoining Clearance Areas | 155 |
| From houses not in or adjoining Clearance Areas | |
| From houses to be closed | |
| From parts of buildings to be closed | |

(b) Number of families displaced:-

| | |
|-------------------------------------------------|----|
| From houses in or adjoining Clearance Areas | 50 |
| From houses not in or adjoining Clearance Areas | |
| From houses to be closed | |
| From parts of buildings to be closed | |

HOUSING ACT 1957, PART III

Peppercroft Street Compulsory Purchase Order 1963

Rehousing continued throughout the year from this area, and all the displacements listed were from houses included in this Order.

RENT ACT 1957 - FIRST SCHEDULE

Part I - Applications for Certificates of Disrepair:

| | |
|-------------------------------------------------------|-----|
| (1) Number of applications for certificates | Nil |
| (2) Number of decisions not to issue certificates | Nil |
| (3) Number of decisions to issue certificates - | |
| (a) in respect of some but not all defects | Nil |
| (b) in respect of all defects | Nil |
| (4) Number of undertakings given by landlords | Nil |
| (5) Number of undertakings refused by Local Authority | Nil |
| (6) Number of certificates issued | Nil |

RENT ACT 1957 - FIRST SCHEDULE (contd.)

PART II - Applications for Cancellation of Certificates:

| | | |
|-----|------------------------------------------------------------------------------------------|-----|
| (1) | Applications by landlords to Local Authority for cancellation of certificates | Nil |
| (2) | Objections by tenants to cancellation of certificates | Nil |
| (3) | Decisions by Local Authority to cancel in spite of tenants' objection | Nil |
| (4) | Certificates cancelled by Local Authority | Nil |

OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963

This Act, which came into force during 1964, makes fresh provisions for securing the health, safety and welfare of persons employed in certain non-industrial premises.

At 31st December, 1965, 636 premises had been registered in the following categories:-

| | |
|----------------------------------------|-----|
| Offices | 137 |
| Retail shops | 410 |
| Wholesale shops and warehouses | 19 |
| Catering establishments | 70 |

The number of persons employed in the 636 premises is:-

| | |
|-----------------|--------------|
| Males | 1,761 |
| Females | 2,848 |
| | <u>4,609</u> |

Analysis of persons employed in classes of workplace:-

| | |
|--------------------------------------------|--------------|
| Offices | 1,335 |
| Retail shops | 2,514 |
| Wholesale shops and warehouses | 244 |
| Catering establishments open to the public | 489 |
| Canteens | 27 |
| | <u>4,609</u> |

The following figures show the work carried out during 1965:-

| | | | |
|-----------------------------------------------------------------------|----|----|-------|
| Number of registered premises receiving a general inspection | .. | .. | 584 |
| Number of visits of all kinds by inspectors to registered premises | | .. | 2,737 |
| Number of notices or requests made regarding infringements | .. | .. | 423 |
| Number of notices or requests complied with | | .. | 302 |

The 302 notices and requests complied with during 1965 comprised 676 items, classified as follows:-

| | | | | | | |
|---------|----|--------------------------------------------------------------------|----|----|----|-----|
| Section | 4 | To cleanse premises | .. | .. | .. | 8 |
| " | 5 | To abate overcrowding | .. | .. | .. | 2 |
| " | 6 | To provide or improve heating | .. | .. | .. | 12 |
| " | 6 | To provide thermometers | .. | .. | .. | 166 |
| " | 7 | To provide or improve ventilation | .. | .. | .. | 9 |
| " | 8 | To provide or improve lighting | .. | .. | .. | 7 |
| " | 9 | To provide or improve sanitary conveniences | .. | .. | .. | 76 |
| " | 10 | To provide or improve washing facilities | .. | .. | .. | 92 |
| " | 11 | To provide drinking water facilities | .. | .. | .. | 3 |
| " | 12 | To provide accommodation for clothes | .. | .. | .. | 3 |
| " | 13 | To provide sitting facilities | .. | .. | .. | 12 |
| " | 16 | To provide handrails, etc; to keep stairs and passageways clear | .. | .. | .. | 74 |
| " | 17 | To fence exposed parts of machinery | .. | .. | .. | 1 |
| " | 24 | To provide first-aid equipment | .. | .. | .. | 160 |
| " | 50 | To provide information for employees | .. | .. | .. | 51 |

SECTION E

INSPECTION AND SUPERVISION OF FOOD

Inspection of food premises is being maintained and the following is a summary of the visits made and notices served:-

| | | No. of Premises | No. of Visits | Number of Notices Served |
|--------------------------------|-------|--------------------|------------------|-----------------------------|
| Bakehouses | .. .. | 9 | 28 | 5 |
| Butchers | .. .. | 41 | 128 | 6 |
| Bakers' shops | .. .. | 27 | 55 | 1 |
| Canteens | .. .. | 33 | 31 | - |
| Catering premises | .. .. | 48 | 185 | 6 |
| Confectioners | .. .. | 59 | 74 | - |
| Cooked meat shops | .. .. | 22 | 58 | - |
| Dairies and milkshops | .. .. | 70 | 86 | - |
| Licensed premises, clubs, etc. | .. .. | 99 | 76 | 2 |
| Fish-frying establishments | .. .. | 11 | 14 | - |
| Fishmongers | .. .. | 22 | 37 | 2 |
| Greengrocers | .. .. | 53 | 59 | 2 |
| Ice cream premises | .. .. | 122 | 203 | 4 |
| Provision dealers | .. .. | 112 | 307 | 6 |
| | | <u>728</u> | <u>1,341</u> | <u>34</u> |

Note: Where premises carry on more than one type of business they are recorded under each appropriate type.

FOOD AND DRUGS ACT, 1955, SECTION 16

Premises registered:

| | | | |
|-----|-----------------------------------------------------------------------------------------------|-------|-----|
| (a) | for the sale of ice cream | .. .. | 117 |
| (b) | for the manufacture and sale of ice cream | .. .. | 5 |
| (c) | for the preparation or manufacture of sausages, or potted, pressed, pickled or preserved food | .. .. | 61 |

THE MILK AND DAIRIES (GENERAL) REGULATIONS, 1959

| | | |
|------------------------------|-------|----|
| Registered dairies | .. .. | 1 |
| Registered milk distributors | .. .. | 69 |

THE MILK (SPECIAL DESIGNATION) REGULATIONS, 1963

Licences issued under these Regulations, to operate until 31st December, 1970, are as follows:-

| | | |
|------------------------------------|----|----|
| Dealers' (Pasteurisers) Licences | .. | 1 |
| Dealers' (Prepacked Milk) Licences | .. | 69 |

BIOCHEMICAL EXAMINATION OF MILK

Samples of milk were taken and submitted for biochemical examination and the results were as follows:-

| <i>Designation</i> | <i>No. of Samples</i> | | <i>Results</i> | |
|------------------------------------|-----------------------|---------------------|----------------|----|
| Pasteurised | 85 | Methylene Blue Test | Satisfactory | 81 |
| | | | Unsatisfactory | 4 |
| | | Phosphatase Test | Satisfactory | 85 |
| | | | Unsatisfactory | - |
| Tuberculin Tested (Pasteurised) | 6 | Methylene Blue Test | Satisfactory | 5 |
| | | | Unsatisfactory | 1 |
| | | Phosphatase Test | Satisfactory | 6 |
| | | | Unsatisfactory | - |
| Sterilised | 24 | Turbidity Test | Satisfactory | 24 |
| | | | Unsatisfactory | - |

BACTERIOLOGICAL EXAMINATION OF ICE CREAM

Samples of ice cream were taken and submitted for bacteriological examination and the results were as follows:-

| | | | <i>Number of Samples</i> |
|---------|----|----|--------------------------|
| Grade 1 | .. | .. | 44 |
| Grade 2 | .. | .. | 8 |
| Grade 3 | .. | .. | 5 |
| Grade 4 | .. | .. | 3 |
| | | | <hr/> |
| | | | 60 |
| | | | <hr/> |

Inspection of Food

The following food was surrendered as unfit for human consumption:-

(a) Carcase meat and offal:

| | | | |
|---------|----------|------|-----------|
| Beef | 115 lbs. | Pork | 291½ lbs. |
| Kidneys | 70¾ lbs. | | |

(b) Frozen foods:

| | | | |
|--------|-------------|------------|-------------|
| Fish | 534 packets | Pies | 45 packets |
| Meat | 255 packets | Sponges | 7 packets |
| Mousse | 75 packets | Vegetables | 363 packets |
| Pastry | 12 packets | | |

(c) Miscellaneous:

| | | | |
|----------------|------------|---------------|-----------|
| Baby Food | 439 tins | Margarine | 1½ lbs. |
| Bacon | 73 lbs. | Marmalade | 8 tins |
| Biscuits | 12½ lbs. | | 5 jars |
| Butter | 26 lbs. | Meat | 1156 tins |
| Cake | 17 lbs. | Meat Extract | 4 jars |
| Cereals | 86 tins | Meat Paste | 7 jars |
| | 53 packets | Milk | 746 tins |
| | 13 lbs. | Mincemeat | 1 jar |
| Cheese | 11¼ lbs. | Onions | 1680 lbs. |
| Chicken | 226½ lbs. | Peanut Butter | 5 tins |
| Cocoa | 1 packet | Pickles | 21 jars |
| Coffee | 1 tin | Pies | 4 tins |
| Cream | 284 tins | | 11 lbs. |
| Crisps | 9 packets | Puddings | 177 tins |
| Curry | 1 tin | Rabbit | 9 lbs. |
| Custard Powder | 1 packet | Ravioli | 7 tins |
| Fish | 112¼ lbs. | Rice | 43 tins |
| | 502 tins | | 2 packets |
| Flour | 23 lbs. | | 3½ lbs. |
| Fruit | 2931 tins | Salad Cream | 7 bottles |
| | 1 packet | Sauce | 2 bottles |
| Fruit Juice | 41 tins | Soup | 1712 tins |
| | 15 bottles | Spaghetti | 94 tins |
| Honey | 1 jar | Sugar | 2 lbs. |
| Jam | 56 tins | Tea | ¼ lb. |
| | 54 jars | Turkey | 50 lbs. |
| Lard | 3 lbs. | Vegetables | 3028 tins |
| Lemon curd | 1 jar | | 1 packet |
| Macaroni | 37 tins | | |

Food and Drugs Act. 1955

Samples taken during the year and submitted for analysis were as follows. -

| Article | Result of Analysis | |
|--------------------|--------------------|----------------|
| | Satisfactory | Unsatisfactory |
| Almond flavouring | 1 | - |
| Ammoniated quinine | - | 1 |
| Apples | 1 | - |
| Apricots | 1 | - |
| Arrowroot | 1 | - |
| Baking Powder | 2 | - |
| Beef, potted | 1 | - |
| Biscuits | 1 | - |
| Blackcurrant syrup | 1 | - |
| Bread | 2 | - |
| Butter | 2 | - |
| Cakes | 3 | - |
| Calcium drink | - | 1 |
| Calves' liver pate | 1 | - |
| Cheese | 3 | - |
| Cherries | 1 | - |
| Chutney | 1 | - |
| Cocoa | 1 | - |
| Cockles | 2 | - |
| Cochineal | 1 | - |
| Codis tablets | 1 | - |
| Coffee | 2 | - |
| Cold tablets | 1 | - |
| Condensed milk | 1 | - |
| Corned beef | 2 | - |
| Cornflour | 1 | - |
| Corn muffin mix | 1 | - |
| Cough lozenges | 1 | - |
| Crab meat | 1 | - |
| Cranberries | 1 | - |
| Cream | 4 | - |
| Curried chicken | 1 | - |
| Curry powder | 1 | - |
| Carried forward | 44 | 2 |

| Article | Result of Analysis | |
|----------------------|--------------------|----------------|
| | Satisfactory | Unsatisfactory |
| Brought forward | 44 | 2 |
| Dried milk | 1 | - |
| Fish cakes | 1 | - |
| Fish paste | 1 | - |
| Flour | 2 | - |
| Gelatine | 1 | - |
| Ground rice | 1 | - |
| Glycerine of thymol | 1 | - |
| Health drink | 1 | - |
| Herbs | 1 | - |
| Ice cream | 7 | - |
| Ice lolly | 3 | - |
| Jam | 3 | - |
| Jelly | 2 | - |
| Junior dinner | 1 | - |
| Lard | 2 | - |
| Lemon curd | 1 | - |
| Lemon juice | 1 | - |
| Lemonade powder | 1 | - |
| Liniment | 1 | - |
| Mango squash | 1 | - |
| Margarine | 2 | - |
| Marmalade | 1 | - |
| Marzipan | 1 | - |
| Mead | 1 | - |
| Milk | 34 | - |
| Mincemeat | 2 | - |
| Mince pies | 1 | - |
| Mixed peel | 1 | - |
| Mixed spice | 1 | - |
| Mustard | 1 | - |
| Nuts | 2 | - |
| Okra in tomato sauce | 1 | - |
| Onion powder | 1 | - |
| Orange drink | 1 | 1 |
| Peach pie filling | 1 | - |
| Pepper | 1 | - |
| Carried forward | 129 | 3 |

| Article | Result of Analysis | |
|--------------------------|--------------------|----------------|
| | Satisfactory | Unsatisfactory |
| Brought forward | 129 | 3 |
| Phenergan tablets | 1 | - |
| Phensic tablets | 1 | - |
| Pickles | 2 | - |
| Pineapple juice | 1 | - |
| Pork | 1 | - |
| Prunes | 1 | - |
| Rasin flavoured beverage | 1 | - |
| Raspberries | 1 | - |
| Rusks | 1 | - |
| Saccharine | 1 | - |
| Sago pudding | 1 | - |
| Sandwich spread | 1 | - |
| Sardines | 2 | - |
| Sauce | 3 | - |
| Sausage rolls | 2 | - |
| Senna pods | 1 | - |
| Skimmed milk | 1 | - |
| Soup | 1 | - |
| Spirit of camphor | - | 1 |
| Sauerkraut | 1 | - |
| Suet | 1 | - |
| Sugar | 1 | - |
| Syrup of figs | 1 | - |
| Sweets | 3 | 1 |
| Tea | 3 | - |
| Tomato juice | 1 | 1 |
| Treacle | 1 | - |
| Vegetarian pate | 1 | - |
| Vegetable salad | 1 | - |
| Veganin tablets | 1 | - |
| Vitavel syrup | 1 | - |
| Water chestnut | 1 | - |
| Yoghourt | 2 | - |
| | 171 | 6 |

Particulars of Samples Adulterated or
otherwise giving rise to Irregularity

Sample
No.

- 443 Tomato Juice: Unsatisfactory label. The attention of the retailer and supplier was drawn to this matter.
- 505 Ammoniated Tincture of Quinine: Deficient in ammonia. This irregularity was taken up with the retailer concerned.
- 508 Spirit of Camphor: Improperly labelled. The retailer's attention was drawn to this matter.
- 538 Orange Drink: Deficient in sugar. The manufacturers were notified.
- 584 Calcium Drink: Contained artificial sweetener. This irregularity was taken up with the manufacturer.
- 587 Marshmallow: Incorrectly named. The Public Analyst commented that the sample had the appearance, taste and texture of Turkish Delight. It was found upon investigation that there is a similarity in the ingredients used in both Marshmallow and Turkish Delight.

Food Complaints

Some 19 complaints were received involving foreign bodies in food, mouldy pies, etc. Four of these were reported to the Health Committee and warning letters were sent.

SECTION ⁶³F⁹⁹

PREVALENCE AND CONTROL OVER INFECTIOUS AND ⁶⁶OTHER DISEASES⁹⁹

INFECTIOUS DISEASES

The following notifiable infectious diseases were recorded:-

| | | | | |
|-------------------------------|----|----|----|-------|
| Measles | .. | .. | .. | 1,023 |
| Whooping Cough | .. | .. | .. | 5 |
| Tuberculosis - Respiratory | .. | .. | .. | 14 |
| - Non-Respiratory | .. | .. | .. | 6 |
| Pneumonia | .. | .. | .. | 5 |
| Scarlet Fever | .. | .. | .. | 4 |
| Erysipelas | .. | .. | .. | 2 |
| Puerperal Pyrexia | .. | .. | .. | 3 |
| Acute Poliomyelitis-Paralytic | .. | .. | .. | - |
| Dysentery | .. | .. | .. | 2 |
| Meningococcal Infection | .. | .. | .. | 1 |
| Food Poisoning | .. | .. | .. | 3 |
| | | | | 1,068 |

DIPHTHERIA IMMUNISATION

The following is a return of the number of children resident in the Borough who were immunised against Diphtheria during the year ended 31st December, 1965.

| <i>Year of Birth</i> | <i>Primary</i> | | <i>Reinforcing</i> | |
|--------------------------|----------------|-------------------|--------------------|-------------------|
| | <i>Triple</i> | <i>Diph./Tet.</i> | <i>Triple</i> | <i>Diph./Tet.</i> |
| 1965 | 488 | 5 | - | - |
| 1964 | 512 | 1 | 2 | - |
| 1963 | 34 | 2 | 418 | 33 |
| 1962 | 7 | 1 | 143 | 15 |
| 1961 | 4 | 2 | 26 | 40 |
| 1958 - 1960 | 11 | 2 | 168 | 369 |
| 1949 - 1957 | 2 | 2 | 8 | 12 |
| | | | | 469 |
| | | 1,058 | 15 | 765 |

SMALLPOX PREVENTION

Vaccination is carried out at the Kent County Council Clinics and by General Practitioners.

The following is a return of the number of persons who were vaccinated against Smallpox at the Kent County Council Clinics during the year ended 31st December, 1965.

Primary
Vaccination

1 year

691

Re-Vaccination

School Age
but under 8 years

24

POLIOMYELITIS VACCINATION

The following table gives the number of persons resident in the Borough who received injections against Poliomyelitis during the year ended 31st December, 1965.

| Year of Birth | 3rd & 4th doses (Salk & Oral) | 3 Orals (Complete Course) |
|------------------|-------------------------------------|---------------------------------|
| 1965 | - | 213 |
| 1964 | 6 | 687 |
| 1963 | - | 86 |
| 1962 | - | 38 |
| 1958 - 1961 | 583 | 48 |
| 1949 - 1957 | 64 | 12 |
| | 653 | 1,084 |

NOTIFICATION OF NEW CASES OF TUBERCULOSIS

In 1965, 20 fresh cases were notified. The following table gives comparative particulars over the last ten years:-

| Year | Estimated Population of Registrar General | Pulmonary | Non- Pulmonary | Total |
|------|----------------------------------------------------|-----------|-------------------|-------|
| 1956 | 47,670 | 31 | 5 | 36 |
| 1957 | 46,930 | 29 | 6 | 35 |
| 1958 | 46,660 | 27 | 1 | 28 |
| 1959 | 48,370 | 29 | 3 | 32 |
| 1960 | 49,110 | 21 | 5 | 26 |
| 1961 | 51,240 | 20 | 3 | 23 |
| 1962 | 51,950 | 26 | 6 | 32 |
| 1963 | 53,250 | 13 | 4 | 17 |
| 1964 | 53,590 | 14 | 6 | 20 |
| 1965 | 54,550 | 14 | 6 | 20 |

The sources from which the notifications of Tuberculosis were received:-

| | |
|----------------------------------|----|
| Chest Physicians | 12 |
| Private Medical Practitioners .. | - |
| Hospitals and Institutions .. | 8 |

AGE AND SEX DISTRIBUTION OF TUBERCULOUS PATIENTS

The following table shows the age and sex distribution of our 20 new cases:-

| Age Periods | Pulmonary | | Non-Pulmonary | |
|----------------|-----------|--------|---------------|--------|
| | Male | Female | Male | Female |
| 0 - 1 | - | - | - | - |
| 1 - 5 | - | - | - | - |
| 5 - 10 | - | - | - | - |
| 10 - 15 | - | - | - | - |
| 15 - 20 | 2 | 1 | 1 | - |
| 20 - 25 | - | - | 1 | - |
| 25 - 35 | - | 3 | - | 1 |
| 35 - 45 | 1 | - | 1 | 1 |
| 45 - 55 | 1 | 1 | - | 1 |
| 55 - 65 | 2 | 1 | - | - |
| 65 & over | 1 | 1 | - | - |
| | 7 | 7 | 3 | 3 |

TUBERCULOSIS DEATHS AND DEATH RATE

There was 1 death registered from Pulmonary Tuberculosis. This gives a death rate of .01 per 1,000 population for all forms of tuberculosis.

The following table compares the figures for 1965 with those of previous years:-

| Year | Pulmonary | | Non-Pulmonary | | TOTAL |
|------|---------------------|------------------------|---------------------|------------------------|------------------------|
| | Number of deaths | Rate per 1,000 Pop. | Number of deaths | Rate per 1,000 Pop. | Rate per 1,000 Pop. |
| 1956 | 4 | .08 | 1 | .02 | .10 |
| 1957 | 7 | .14 | - | - | .14 |
| 1958 | 5 | .11 | 2 | .04 | .15 |
| 1959 | 5 | .10 | - | - | .10 |
| 1960 | 9 | .18 | - | - | .18 |
| 1961 | 10 | .19 | - | - | .19 |
| 1962 | 8 | .15 | - | - | .15 |
| 1963 | 3 | .05 | - | - | .05 |
| 1964 | 5 | .09 | - | - | .09 |
| 1965 | 1 | .01 | 1 | .01 | .02 |

TUBERCULOSIS REGISTER

The names of 77 persons were removed from the register for the following reasons:-

| | | | | | |
|----------------------------------|----|----|----|----|-----------|
| Deaths | .. | .. | .. | .. | 4 |
| Left the District | .. | .. | .. | .. | 3 |
| Recovered | .. | .. | .. | .. | 66 |
| Diagnosis not Confirmed | .. | .. | .. | .. | 1 |
| Refused Public Medical Treatment | .. | .. | .. | .. | 3 |
| Lost sight of | .. | .. | .. | .. | - |
| Emigrated | .. | .. | .. | .. | - |
| De-notified | .. | .. | .. | .. | - |
| | | | | | <u>77</u> |

Three hundred and seventy-nine persons remained on the Register at the 31st December, 1965. They consist of the following:-

| | Males | Females | Total |
|---------------|------------|------------|------------|
| Pulmonary | 201 | 136 | 337 |
| Non-Pulmonary | 25 | 17 | 42 |
| | <u>226</u> | <u>153</u> | <u>379</u> |

MASS RADIOGRAPHY

Two routine visits of the radiography unit in connection with regular chest X-ray examinations of men over the age of 45 were made during 1965.

INNOCULATION AGAINST TUBERCULOSIS

A substantial number of children have been vaccinated with B.C.G.

VENEREAL DISEASES

Dr. C. D. Routh, the Medical Officer in charge of the Gravesend Clinic, has kindly supplied the following statistics:-

| | | | | <i>Males</i> | <i>Females</i> | <i>Total</i> |
|---------------------------------------------|----|----|----|--------------|----------------|--------------|
| New Patients - Gravesend | | | | | | |
| Syphilis | .. | .. | .. | 1 | 2 | 3 |
| Gonorrhoea | .. | .. | .. | 29 | 16 | 45 |
| Other conditions | .. | .. | .. | 52 | 30 | 82 |
| | | | | <u>82</u> | <u>48</u> | <u>130</u> |
| Total number of New Patients from all areas | | | | | | |
| | .. | .. | .. | | | 327 |
| Total number of attendances from all areas | | | | | | |
| | .. | .. | .. | | | 1,270 |
| Discharged cured (all districts): | | | | | | |
| Syphilis | .. | .. | .. | .. | .. | 6 |
| Gonorrhoea | .. | .. | .. | .. | .. | 47 |
| Other conditions | .. | .. | .. | .. | .. | 182 |

VENEREAL DISEASE CLINIC - (South-Eastern Metropolitan Hospital Board)

Dr. C. D. Routh is in attendance at the Gravesend Clinic, 22 Cobham Street (telephone Gravesend 3061), at the following times:-

TUESDAY

| | | | | | | |
|--------|----|----|----|------------|----|-----------|
| Male | .. | .. | .. | 11.00 a.m. | to | 1.00 p.m. |
| Female | .. | .. | .. | 1.00 p.m. | to | 2.00 p.m. |

SATURDAY

| | | | | | |
|-----------------|----|----|-----------|----|------------|
| Male and Female | .. | .. | 9.00 a.m. | to | 10 30 a.m. |
|-----------------|----|----|-----------|----|------------|

BOROUGH MORTUARY

The Borough Mortuary was closed on 1st January, 1965 as arrangements had been made for the Mortuary at the Gravesend & North Kent Hospital to assume responsibility for this work.

CORONER'S INQUESTS

H.M. Coroner has kindly supplied the following information for the year 1965:-

| | | | | |
|-----------------------------------------|----|----|----|----|
| Total number of inquests | .. | .. | .. | 23 |
| Number of inquests without post-mortems | .. | | | 1 |
| Number of post-mortems without inquests | .. | | | 60 |

Verdicts:-

| | | | | |
|-------------------|----|----|----|----|
| Accidental deaths | .. | .. | .. | 15 |
| Suicides | .. | .. | .. | 6 |
| Found drowned | .. | .. | .. | - |
| Other verdicts | .. | .. | .. | 2 |

BACTERIOLOGICAL EXAMINATION OF DRINKING WATER

| | Date taken | Probable numbers per 100 ml. | | Plate count per ml. |
|----------------------------------------------------|---------------|------------------------------|------------------------|---------------------------|
| | | Coliform bacilli | Bact. Coli (type I) | |
| 1. Leith Park Road Pumping Station (treated) | 18. 1. 65 | None | | |
| | 15. 2. 65 | None | | |
| | 15. 3. 65 | None | | |
| | 20. 4. 65 | None | | |
| | 10. 5. 65 | None | | |
| | 14. 6. 65 | None | | |
| | 12. 7. 65 | None | | |
| | 16. 8. 65 | 1 | None | |
| | 14. 9. 65 | None | | |
| | 19. 10. 65 | None | | |
| | 16. 11. 65 | None | | |
| | 14. 12. 65 | None | | |

BACTERIOLOGICAL EXAMINATION OF DRINKING WATER

| | Number of Samples | Date taken | Probable numbers per 100 ml. Coliform bacilli | Bact. Coli (type 1) | Plate count per ml. |
|-----------------------------------|-------------------------|---------------|-----------------------------------------------------|------------------------|---------------------------|
| 2. Domestic Supplies (treated) | 3 | 18. 1. 65 | 1 | None | |
| | 3 | 15. 2. 65 | 2 or more | 2 or more | |
| | 1 | 18. 2. 65 | None | None | |
| | 3 | 15. 3. 65 | None | | |
| | 3 | 20. 4. 65 | None | | |
| | 3 | 10. 5. 65 | None | | |
| | 3 | 14. 6. 65 | None | | |
| | 3 | 12. 7. 65 | 1 | None | |
| | 3 | 16. 8. 65 | None | | |
| | 1 | 24. 8. 65 | None | | |
| | 4 | 14. 9. 65 | None | | |
| | 3 | 19. 10. 65 | None | | |
| | 3 | 16. 11. 65 | 2 or more | 2 or more | |
| | 1 | 24. 11. 65 | 2 or more | 1 | |
| | 3 | 14. 12. 65 | None | | |

CHEMICAL ANALYSIS OF DRINKING WATER

| | |
|-------------|---------------|
| Date taken: | 19. 11. 65 |
| Appearance: | Clear, bright |
| Odour: | None |

| | |
|-------------------------------------------------|--------------------------------------------|
| | <i>Parts per million</i> |
| Free Chlorine | 0.05 |
| Free Ammonia | Nil |
| Albuminoid Ammonia | Nil |
| Nitrogen as Nitrite | Nil |
| Nitrogen as Nitrate | 4.50 |
| Chloride | 17.00 |
| Temporary Hardness | 262.00 |
| Total Hardness | 280.00 |
| Permanent Hardness | 18.00 |
| Sulphate | 4.00 |
| Oxygen absorbed from Permanganate in 4 hours | 0.05 |
| Total Solids | 350.00 |
| pH value | 7.00 |
| Microscopic examination | Very little mineral or vegetable matter |

OPINION: This water is satisfactory.

BACTERIOLOGICAL EXAMINATION OF BATHING POOL WATER

| | Date taken | Where taken | Probable numbers per 100 ml. | | Plate count per ml. |
|-------------------------|---------------|------------------------------------------|------------------------------|------------------------|---------------------------|
| | | | Coliform bacilli | Bact. Coll (type I) | |
| (a) Corporation Pool | 24. 5. 65 | Deep end Shallow end Paddling pool | None | None | None |
| | | | None | None | 2 |
| | | | None | None | 2 |
| | 28. 6. 65 | Deep end Shallow end Paddling pool | None | None | None |
| | | | None | None | None |
| | | | None | None | 2 |
| | 26. 7. 65 | Deep end Shallow end Paddling pool | None | None | 1 |
| | | | None | None | None |
| | | | None | None | 39 |
| | 16. 8. 65 | Deep end Shallow end Paddling pool | None | None | None |
| | | | None | None | None |
| | | | None | None | None |
| | 14. 9. 65 | Deep end Shallow end Paddling pool | None | None | None |
| | | | None | None | None |
| | | | None | None | None |

BACTERIOLOGICAL EXAMINATION OF BATHING POOL WATER

| | Date taken | Where taken | Probable numbers Coliform bacilli | Bact. Coli (type I) | Plate count per ml. |
|---------------------|---------------|----------------------|-----------------------------------------|------------------------|---------------------------|
| (b) School Pools | 24.5.65 | St. Joseph's Convent | None | | 2 |
| | | Westcourt | None | | None |
| | | Whitehill | None | | None |
| | | Cecil Road | None | | 1 |
| | | King's Farm | None | | 1 |
| | 28.6.65 | Westcourt | None | | 1 |
| | | Whitehill | None | | None |
| | | Cecil Road | None | | 1 |
| | | King's Farm | None | | 4 |
| | | St. Joseph's Convent | None | | None |
| | 26.7.65 | Cecil Road | 2 or more | 1 | Uncountable |
| | | Whitehill | None | | None |
| | | Westcourt | None | | None |
| | | King's Farm | None | | Uncountable |
| | | | | | |
| | 14.9.65 | Westcourt | None | | None |
| | | Whitehill | None | | None |
| | | Cecil Road | None | | None |
| | | St. Joseph's Convent | None | | None |

ATMOSPHERIC POLLUTION

Data extracted from the Analyst's monthly reports was supplied to the Thameside Joint Committee in the form shown in the following tables

(See notes at end of tables for details of abbreviations)

Site: Dashwood Lane Nurseries

| Month | Rain mm | pH Value | Deposit (grams per 100 square metres) | | | | | | | | |
|--------------|------------|-------------|---------------------------------------|-------|------|-----|------|-----|-----|-----|------|
| | | | TWIM | S/CS2 | Ash | OCM | TWSM | Ca | Cl | SO4 | TS |
| 1964 Oct. | 41 | 6.32 | 356 | 2 | 278 | 76 | 479 | 73 | 29 | 193 | 834 |
| Nov. | 31 | 5.28 | 273 | 3 | 150 | 119 | 337 | 52 | 33 | 157 | 611 |
| Dec. | 36 | 5.80 | 272 | 2 | 208 | 62 | 374 | 72 | 47 | 152 | 646 |
| 1965 Jan. | 44 | 4.86 | 216 | 2 | 167 | 47 | 425 | 68 | 63 | 165 | 642 |
| Feb. | 10 | 5.70 | 141 | 2 | 101 | 38 | 259 | 44 | 36 | 118 | 401 |
| Mar. | 35 | 6.12 | 318 | 2 | 249 | 68 | 382 | 66 | 42 | 161 | 700 |
| Total | 197 | 34.08 | 1576 | 13 | 1153 | 410 | 2256 | 375 | 250 | 946 | 3834 |
| Mean | 33 | 5.68 | 263 | 2 | 192 | 68 | 376 | 63 | 42 | 158 | 639 |

| | | | | | | | | | | | |
|-------|-----|-------|------|----|------|-----|------|-----|-----|-----|------|
| Apr. | 50 | 6.50 | 498 | 4 | 387 | 107 | 523 | 87 | 63 | 230 | 1021 |
| May | 33 | 5.90 | 200 | 4 | 184 | 12 | 317 | 38 | 24 | 122 | 517 |
| June | 51 | 6.20 | 351 | 3 | 278 | 70 | 340 | 49 | 24 | 163 | 691 |
| July | 65 | 6.20 | 444 | 2 | 353 | 89 | 356 | 49 | 42 | 165 | 800 |
| Aug. | 53 | 6.60 | 411 | 3 | 356 | 52 | 285 | 48 | 34 | 128 | 696 |
| Sep. | 132 | 5.20 | 394 | 7 | 314 | 72 | 327 | 46 | 65 | 140 | 721 |
| Total | 384 | 36.60 | 2298 | 23 | 1872 | 402 | 2148 | 317 | 252 | 948 | 4446 |
| Mean | 64 | 6.10 | 383 | 4 | 312 | 67 | 358 | 53 | 42 | 158 | 741 |

Site: Swimming Pool

| Month | Rain mm | pH Value | Deposit (grams per 100 square metres) | | | | | | | | |
|--------------|------------|-------------|---------------------------------------|-------|------|-----|------|-----|-----|------|------|
| | | | TWIM | S/CS2 | Ash | OCM | TWSM | Ca | Cl | SO4 | TS |
| 1964 Oct. | 37 | 5.80 | 497 | 5 | 346 | 145 | 542 | 97 | 47 | 267 | 1039 |
| Nov. | 27 | 5.08 | 316 | 6 | 223 | 87 | 466 | 69 | 46 | 184 | 782 |
| Dec. | 27 | 5.60 | 246 | 3 | 185 | 57 | 338 | 63 | 46 | 154 | 584 |
| 1965 Jan. | 37 | 4.60 | 252 | 4 | 188 | 60 | 420 | 65 | 67 | 181 | 672 |
| Feb. | 12 | 5.71 | 224 | 1 | 174 | 48 | 310 | 58 | 42 | 116 | 534 |
| Mar. | 27 | 6.13 | 355 | 3 | 271 | 81 | 382 | 71 | 45 | 160 | 737 |
| Total | 167 | 32.92 | 1890 | 22 | 1387 | 478 | 2458 | 423 | 293 | 1062 | 4348 |
| Mean | 28 | 5.49 | 315 | 4 | 231 | 80 | 410 | 71 | 49 | 177 | 725 |
| Apr. | 44 | 6.08 | 491 | 2 | 386 | 103 | 582 | 93 | 58 | 227 | 1072 |
| May | 22 | 6.10 | 371 | 6 | 292 | 73 | 315 | 47 | 32 | 119 | 686 |
| June | 43 | 6.40 | 290 | 6 | 219 | 65 | 297 | 41 | 24 | 154 | 587 |
| July | 52 | 6.30 | 275 | 5 | 198 | 72 | 345 | 47 | 34 | 182 | 620 |
| Aug. | 48 | 6.30 | 347 | 4 | 277 | 66 | 347 | 69 | 39 | 157 | 694 |
| Sep. | 117 | 5.30 | 301 | 6 | 248 | 47 | 442 | 53 | 42 | 217 | 743 |
| Total | 326 | 36.48 | 2075 | 29 | 1620 | 426 | 2328 | 350 | 229 | 1056 | 4402 |
| Mean | 54 | 6.80 | 346 | 5 | 270 | 71 | 388 | 58 | 38 | 176 | 734 |

Abbreviations:

| | |
|-------|------------------------------|
| TWIM | Total water insoluble matter |
| S/CS2 | Soluble carbon disulphide |
| OCM | Other combustible matter |
| TWSM | Total water soluble matter |
| Ca | Calcium |
| Cl | Chloride |
| SO4 | Calculated as sulphate |
| TS | Total solids |

ATMOSPHERIC POLLUTION

| Site | Rainfall inches | Measurement of Deposited Matter by Deposit Gauges | | |
|-------------------------|--------------------|------------------------------------------------------|--------------------|------------------|
| | | Insoluble Deposit | Soluble Deposit | Total Deposit |
| | | (tons per square mile) | | |
| DASHWOOD LAND NURSERIES | | | | |
| 1965 | | | | |
| January | 1.73 | 5.52 | 10.84 | 16.35 |
| February | 0.39 | 3.61 | 6.61 | 10.22 |
| March | 1.38 | 8.12 | 9.74 | 17.86 |
| April | 1.97 | 12.69 | 13.34 | 26.03 |
| May | 1.30 | 5.11 | 8.07 | 13.18 |
| June | 2.01 | 8.96 | 8.67 | 17.63 |
| July | 2.56 | 11.32 | 9.07 | 20.39 |
| August | 2.09 | 10.49 | 7.27 | 17.76 |
| September | 5.20 | 10.04 | 8.34 | 18.37 |
| October | 0.35 | 7.15 | 7.70 | 14.85 |
| November | 3.07 | 8.47 | 11.74 | 20.21 |
| December | - | - | - | - |
| Mean | 2.00 | 8.32 | 9.22 | 17.53 |

SWIMMING POOL

| | | | | |
|-----------|-------|-------|-------|-------|
| 1965 | | | | |
| January | 1.47 | 6.43 | 10.71 | 17.14 |
| February | 0.48 | 5.72 | 7.90 | 13.62 |
| March | 1.06 | 9.06 | 9.73 | 18.79 |
| April | 1.73 | 12.51 | 14.83 | 27.34 |
| May | 0.87 | 9.46 | 8.02 | 17.48 |
| June | 1.69 | 7.39 | 7.58 | 14.97 |
| July | 2.05 | 7.02 | 8.79 | 15.81 |
| August | 1.89 | 8.81 | 8.86 | 17.70 |
| September | 4.61 | 7.67 | 11.28 | 18.94 |
| October | 0.20 | 5.46 | 8.99 | 14.45 |
| November | 2.80 | 8.08 | 12.35 | 20.43 |
| December | 3.07 | 8.10 | 11.14 | 19.24 |
| Mean | 18.30 | 7.98 | 10.02 | 17.99 |

NOTE: No results were available for the Dashwood Lane Nurseries Site for December as the gauge was broken.

INVESTIGATION OF ATMOSPHERIC POLLUTION,
SMOKE AND SULPHUR DIOXIDE BY VOLUMETRIC METHOD

SITE: 3 Woodville Terrace

| | | | | SMOKE | | SULPHUR DIOXIDE | |
|----|--------|---|-----------|---------------------------------|------------------|---------------------------------|------------------|
| | | | | Microgrammes per cubic metre | | Microgrammes per cubic metre | |
| | | | | Average value | Highest value | Average value | Highest value |
| 5. | 1. 65 | - | 1. 2. 65 | 122 | 441 | 158 | 441 |
| 2. | 2. 65 | - | 1. 3. 65 | 118 | 411 | 148 | 285 |
| 2. | 3. 65 | - | 5. 4. 65 | 82 | 354 | 127 | 407 |
| 6. | 4. 65 | - | 3. 5. 65 | 55 | 141 | 108 | 266 |
| 4. | 5. 65 | - | 31. 5. 65 | 27 | 55 | 57 | 163 |
| 1. | 6. 65 | - | 5. 7. 65 | 19 | 61 | 31 | 98 |
| 6. | 7. 65 | - | 2. 8. 65 | 11 | 27 | 20 | 106 |
| 3. | 8. 65 | - | 6. 9. 65 | 13 | 27 | 38 | 66 |
| 7. | 9. 65 | - | 4. 10. 65 | 17 | 35 | 31 | 125 |
| 5. | 10. 65 | - | 1. 11. 65 | 41 | 185 | 86 | 206 |
| 2. | 11. 65 | - | 6. 12. 65 | 39 | 96 | 134 | 369 |
| 7. | 12. 65 | - | 3. 1. 66 | 30 | 73 | 130 | 529 |

